

FIG. 1



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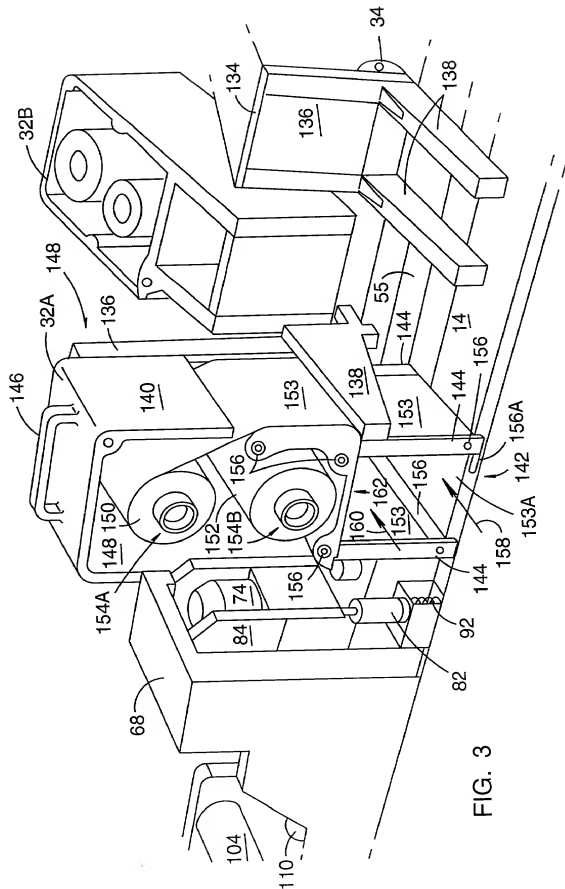


FIG. 3

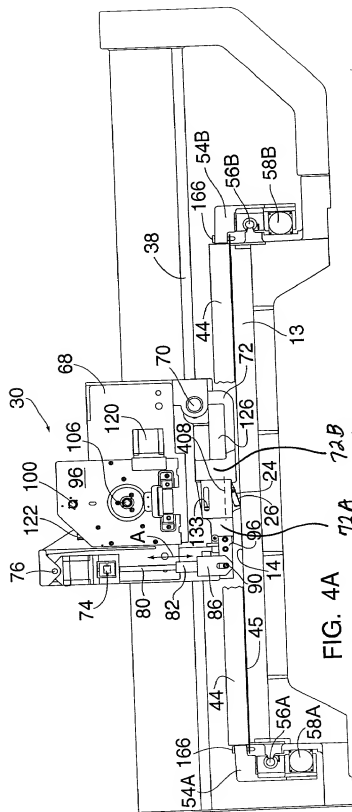


FIG. 4A

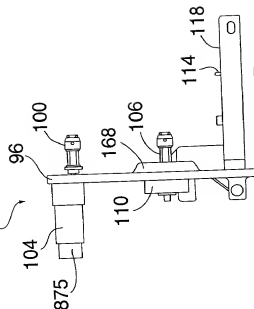


FIG. 4B

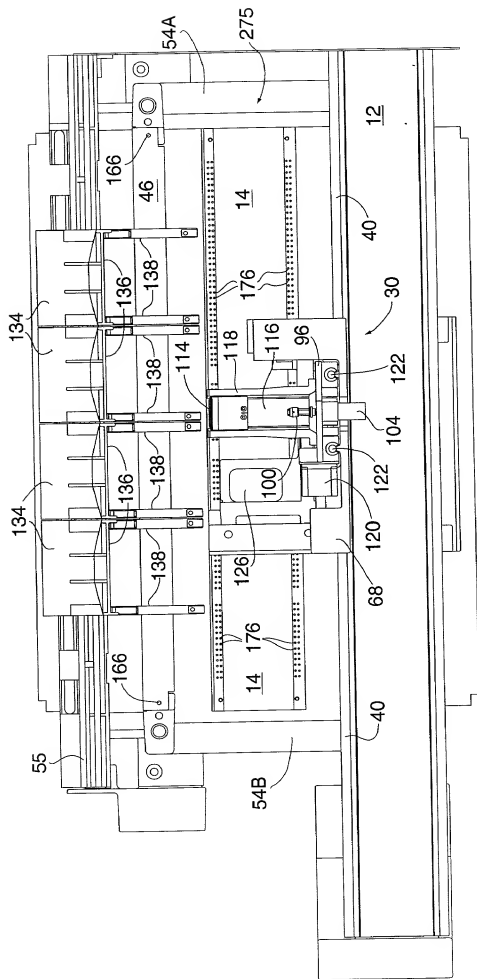


FIG. 5



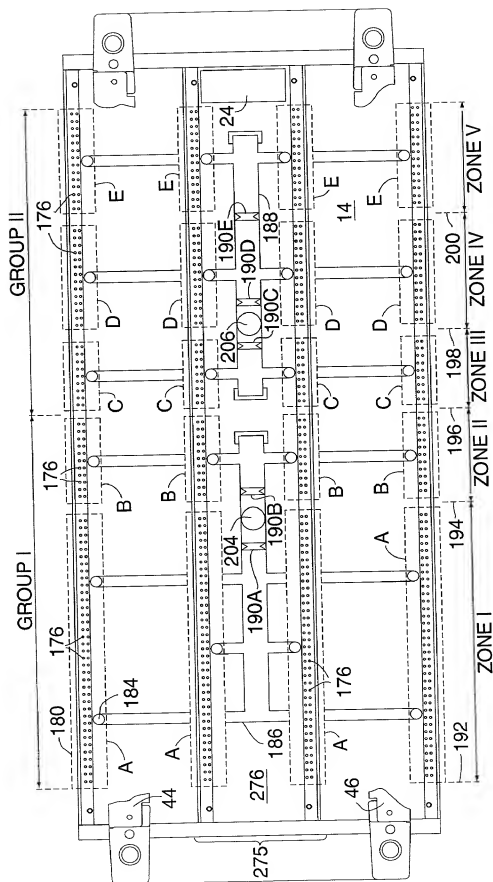


FIG. 7

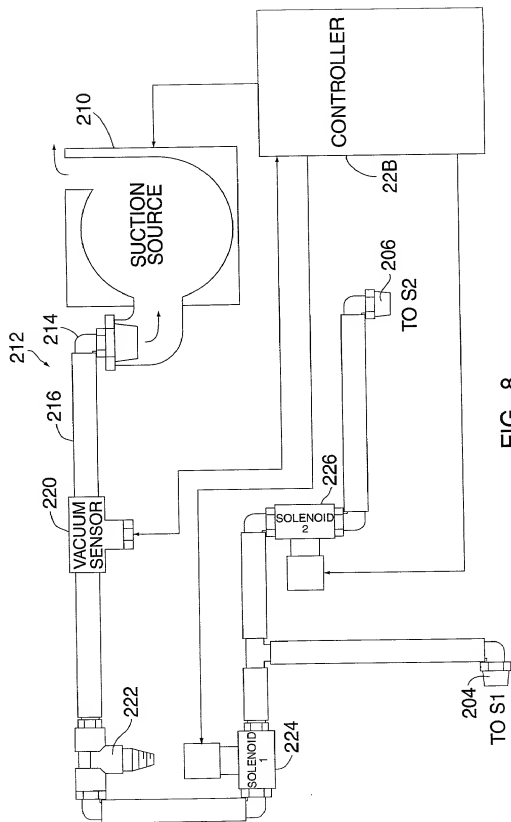


FIG. 8



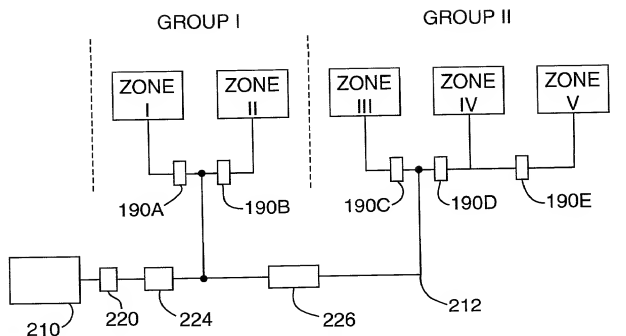


FIG. 9A

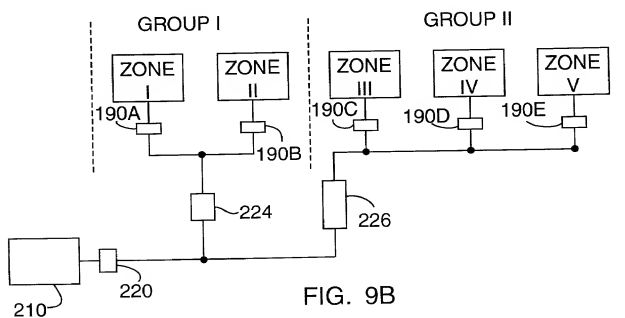
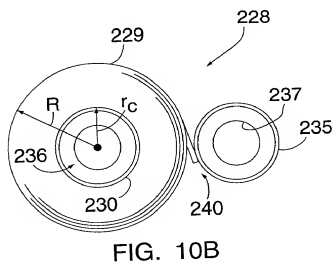
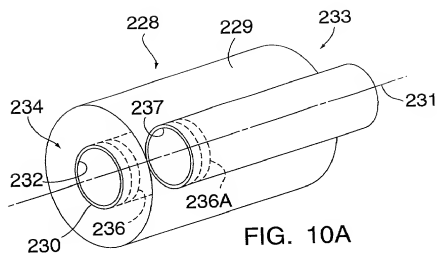
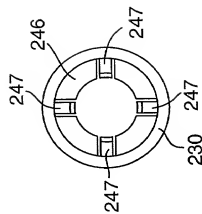
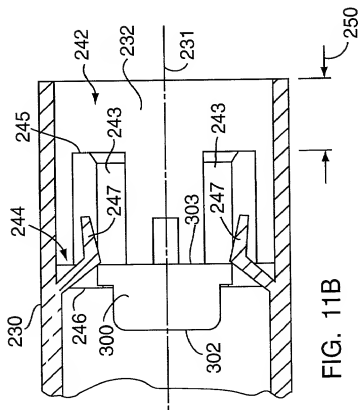
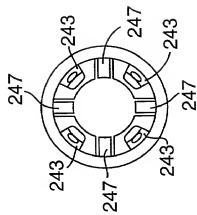
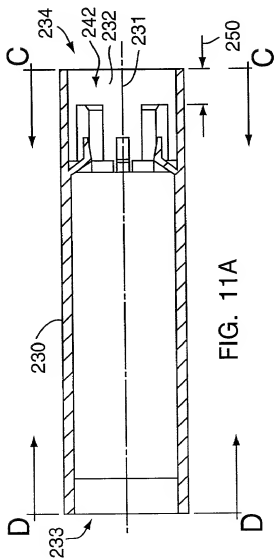


FIG. 9B





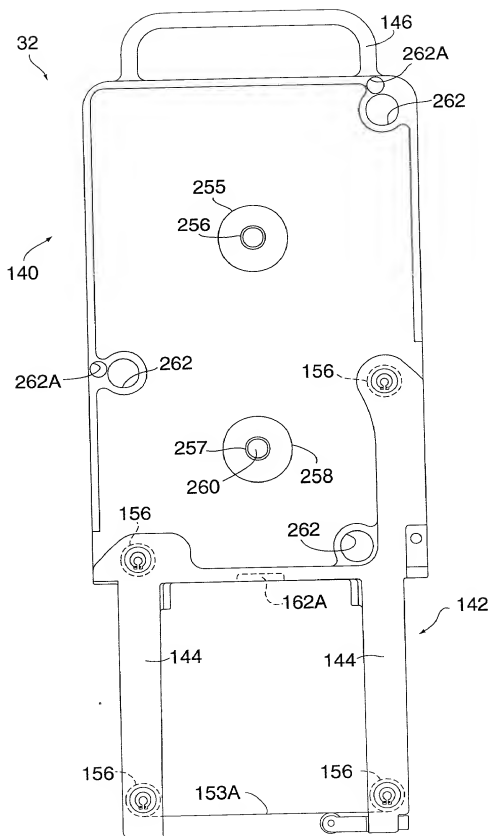


FIG. 12

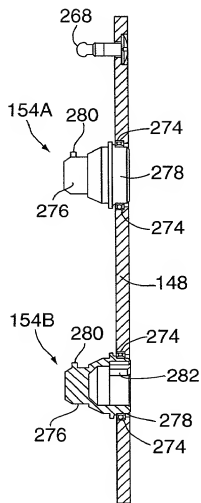


FIG. 13B

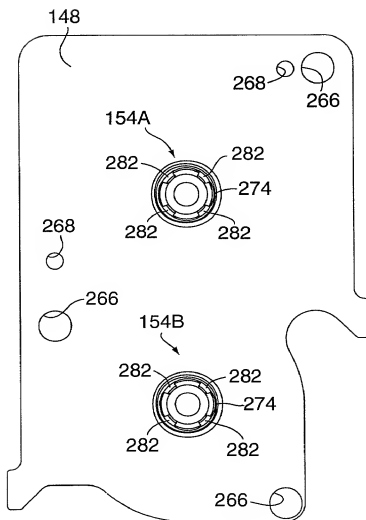
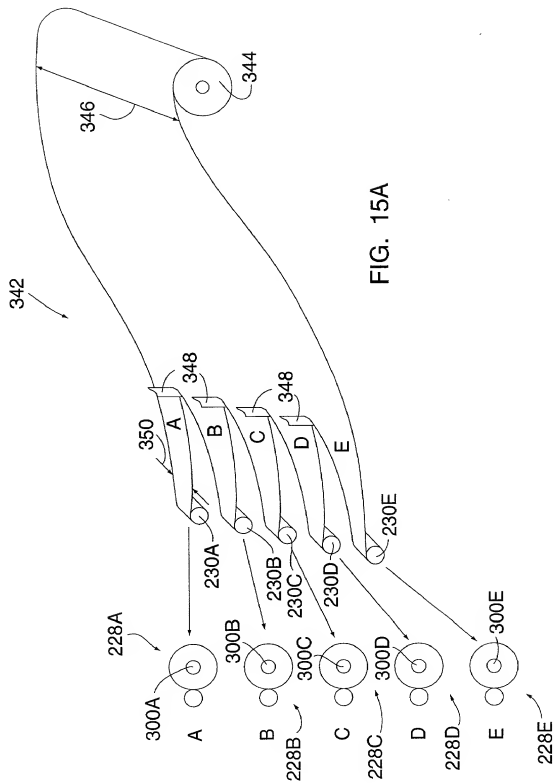


FIG. 13A





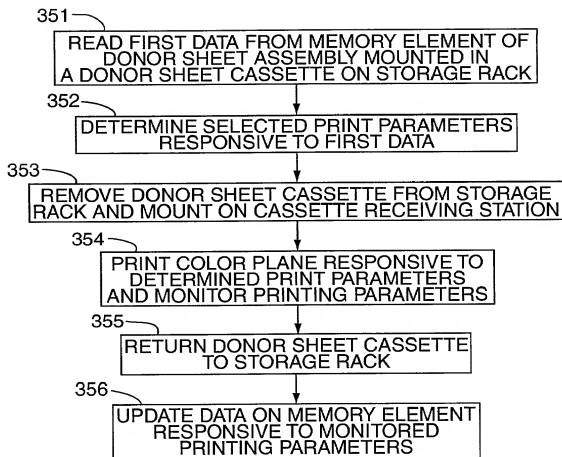


FIG. 15B





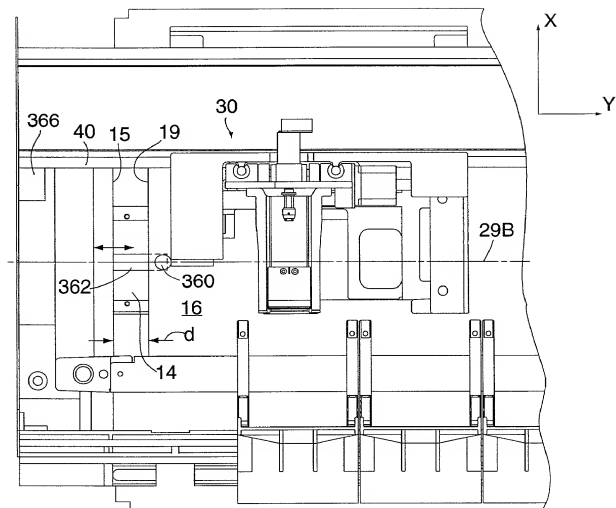


FIG. 17A



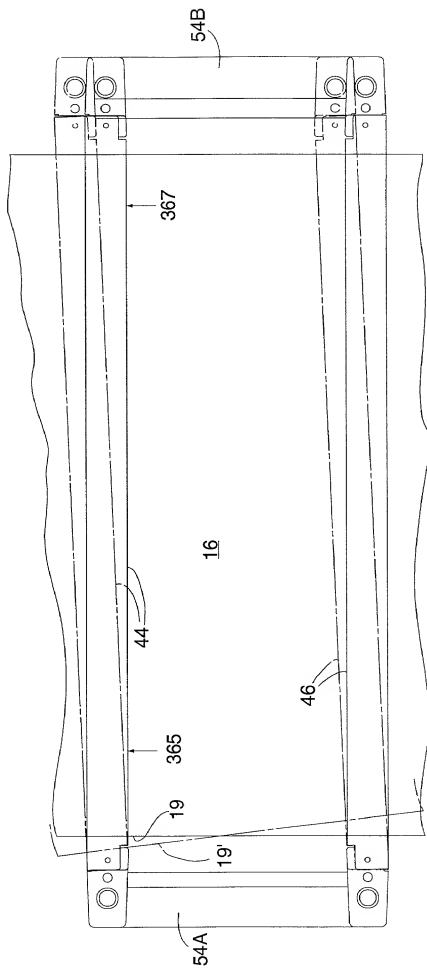
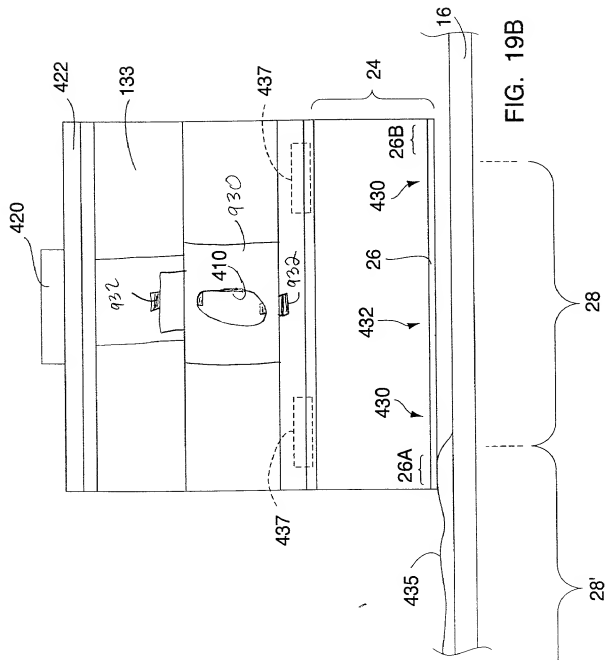


FIG. 18







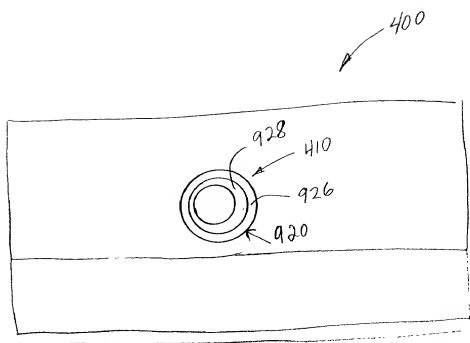


FIG. 19D



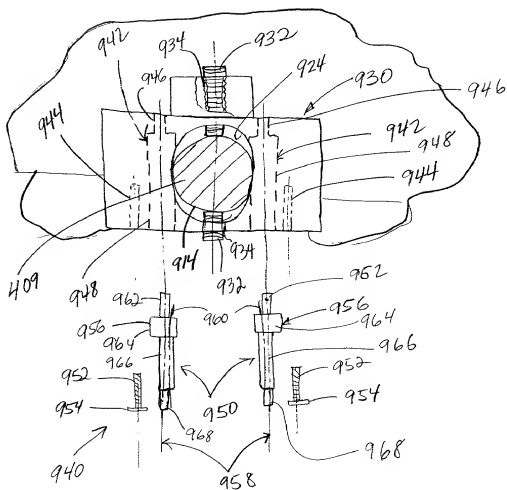
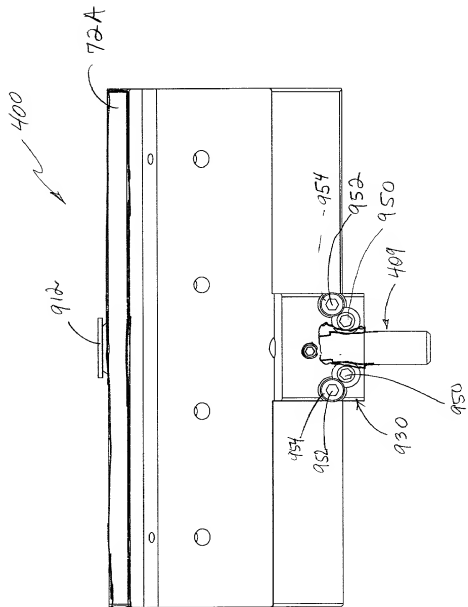


FIG. 19E



F16.19F

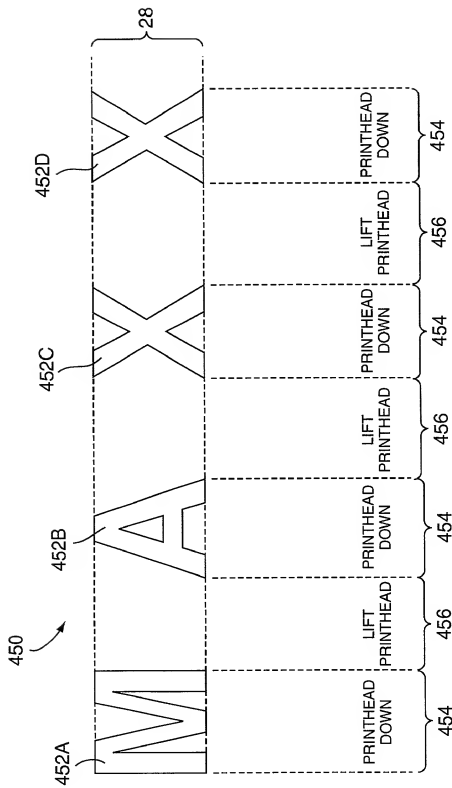


FIG. 20

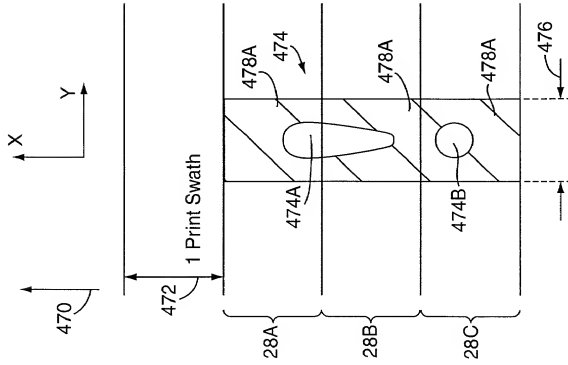


FIG. 21A

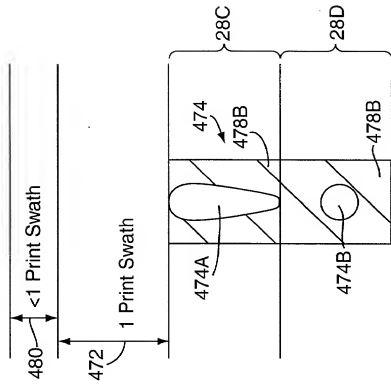
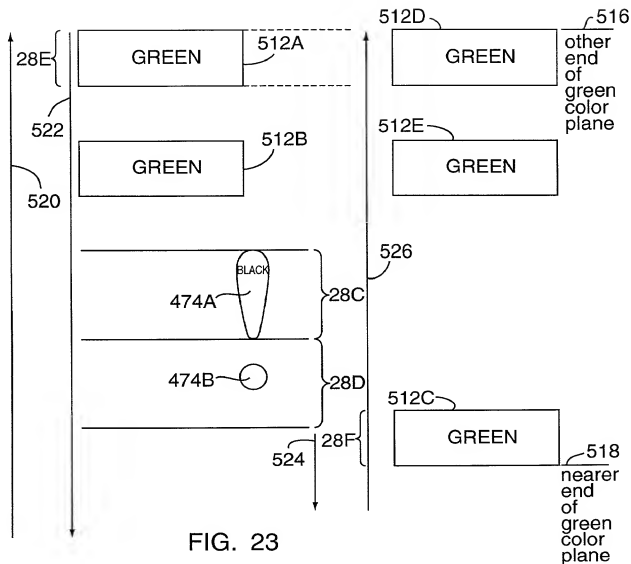


FIG. 21B





```

graph TD
    558A[Current Object = First Object in Job File] --> 558B{More Objects to Process?}
    558B -- N --> 564[Sort Bounding Rectangles Left-To-Right]
    558B -- Y --> 558C{Does Current Object use Current Color?}
    558C -- N --> 568[Combine Print Slices]
    558C -- Y --> 558D[Create Bounding Rectangle]
    558D --> 558E[Make the next object the current object]
    558E --> 558B
    564 --> 566[Create Print Slices from Bounding Rectangles]
    566 --> 572[Grow width of each Slice (if necessary) to integer number of printing widths]
    572 --> 576[Combine Print Slices]

```

FIG. 21A

FIG. 24A

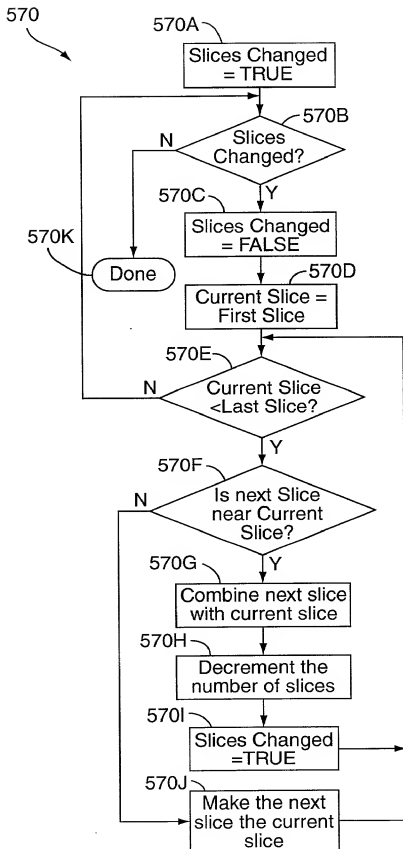


FIG. 24B



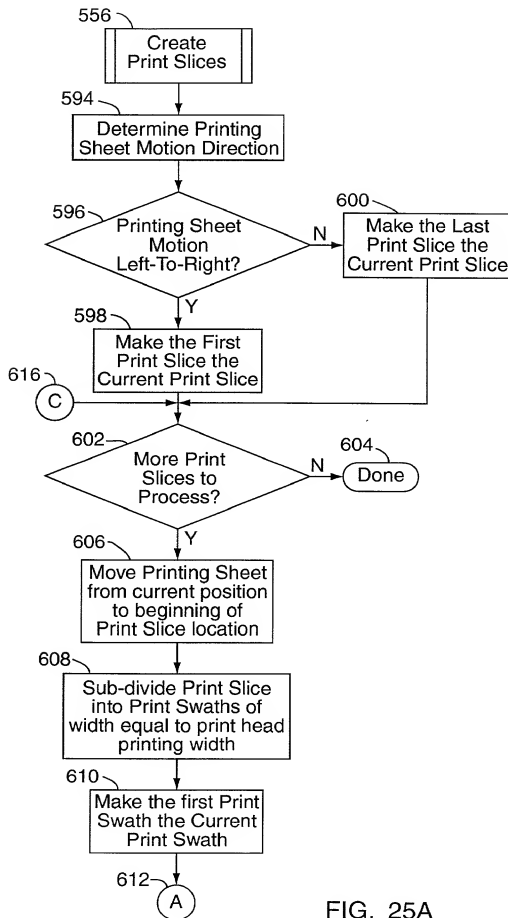


FIG. 25A

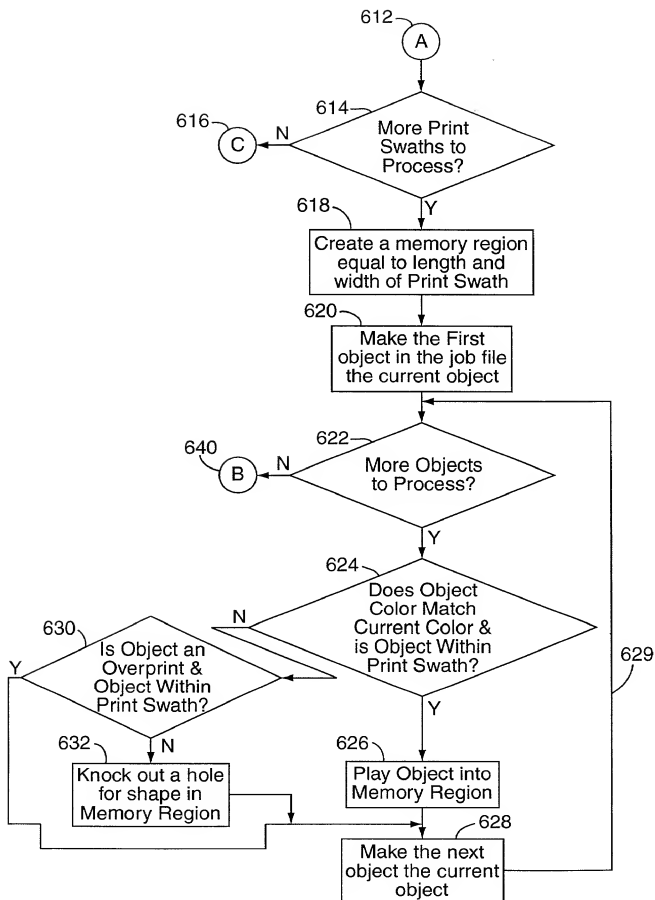


FIG. 25B

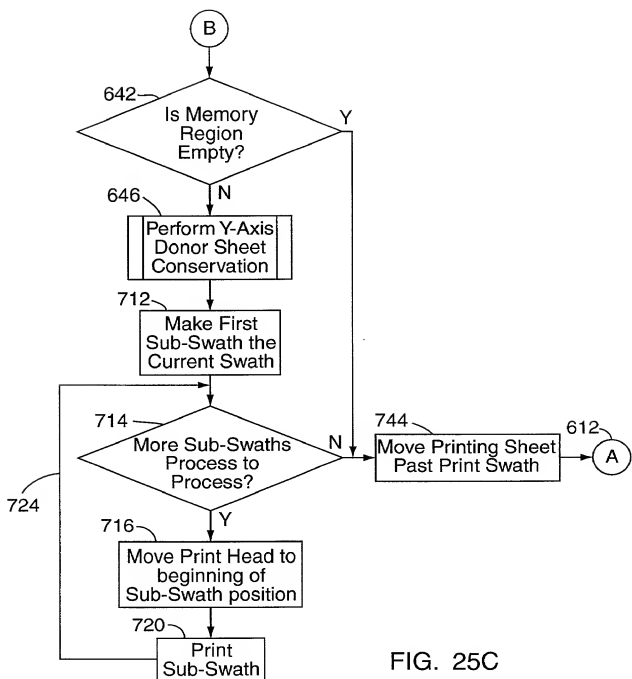
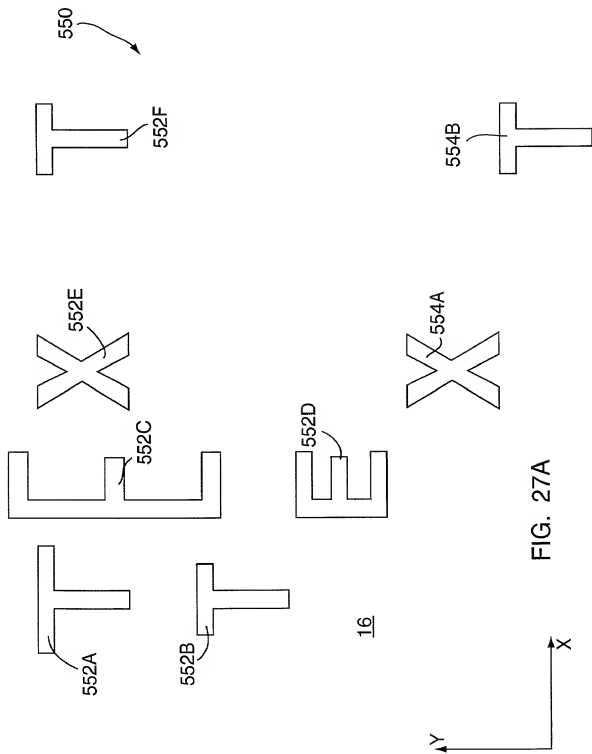


FIG. 25C

```

graph TD
    647[Looking for Blank Row = TRUE] --> 648[Number of Blank Rows = 0]
    648 --> 650[Current Row = First Row of Swath]
    650 --> 660{More Rows to Process?}
    660 -- N --> Done([Done])
    660 -- Y --> 664{Looking for Blank Row?}
    664 -- N --> 694{Is Current Row Blank?}
    664 -- Y --> 666{Is Current Row Blank?}
    694 -- Y --> 700[Reset number of Blank Rows]
    700 --> 702[Looking for Blank Row = TRUE]
    702 --> 664
    694 -- N --> 680[Reset number of Blank Rows]
    680 --> 664
    666 -- N --> 680
    666 -- Y --> 668[Increment number of Blank Rows]
    668 --> 670{Number of Blank Rows > threshold?}
    670 -- N --> 680
    670 -- Y --> 671[Create Sub-Swath]
    671 --> 692[Looking for Blank Row = FALSE]
    692 --> 672[Make the next row the current row]
    672 --> 660
  
```

FIG. 26



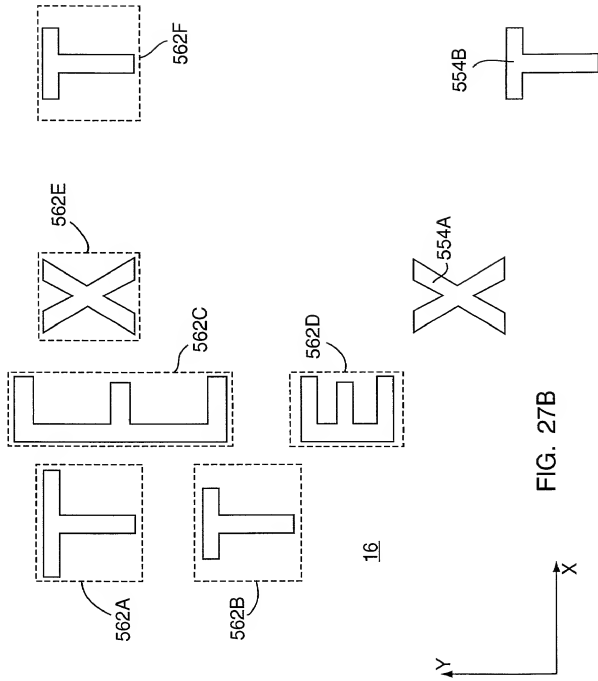
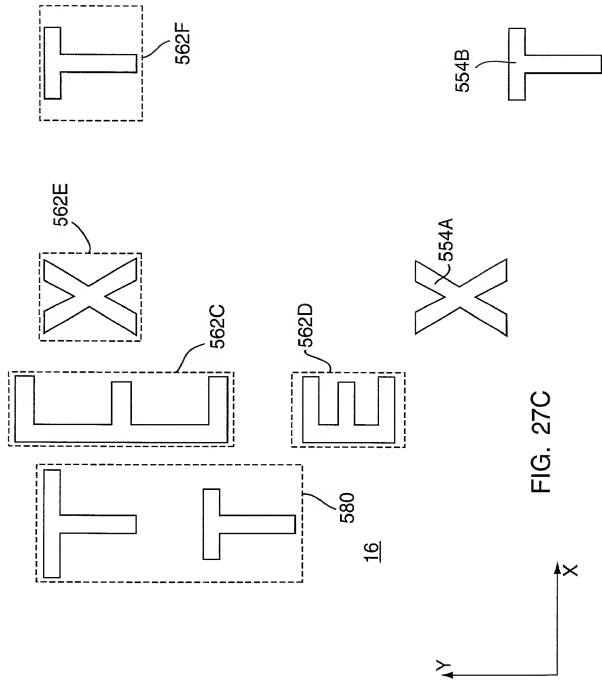
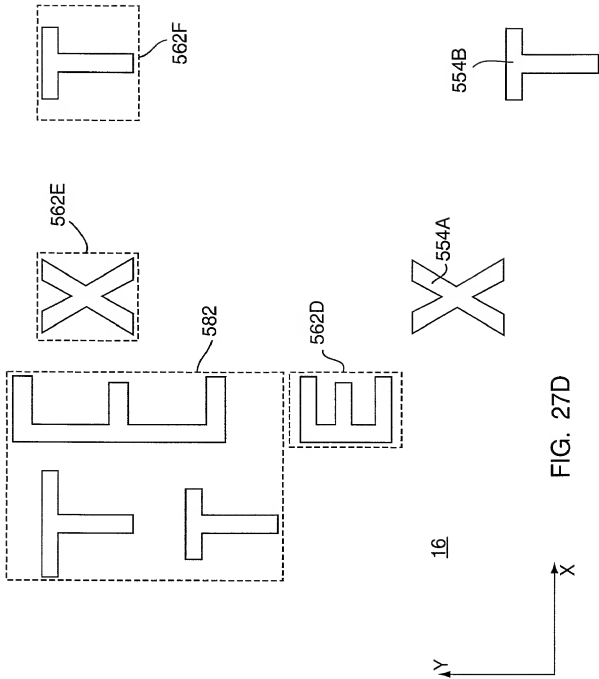
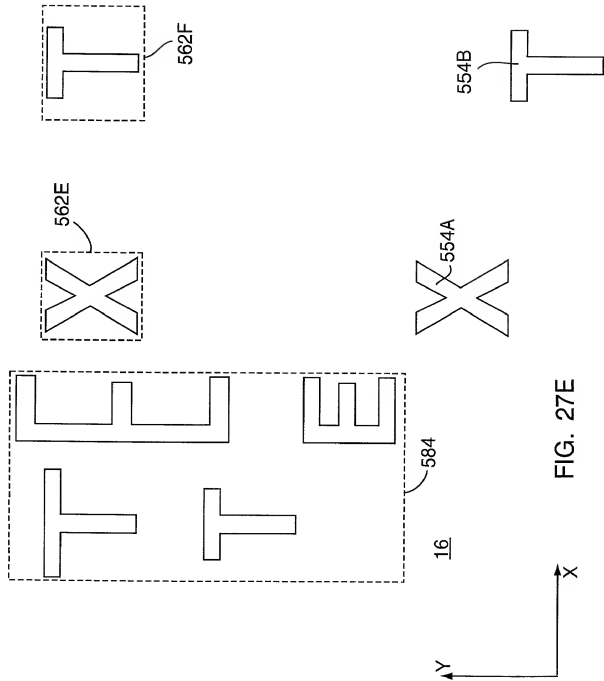


FIG. 27B









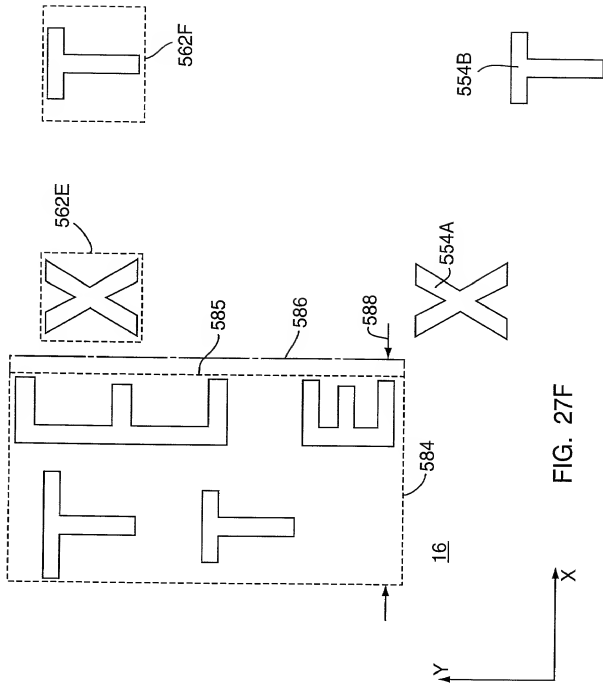
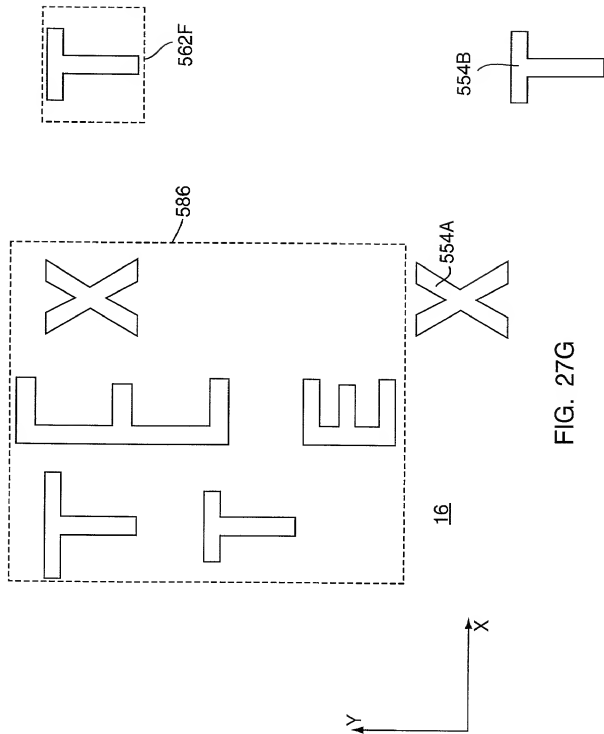


FIG. 27F



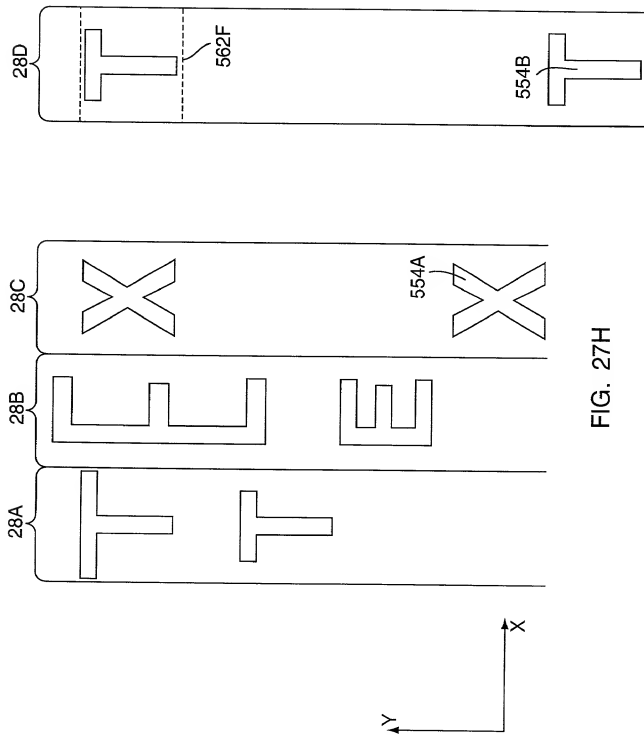
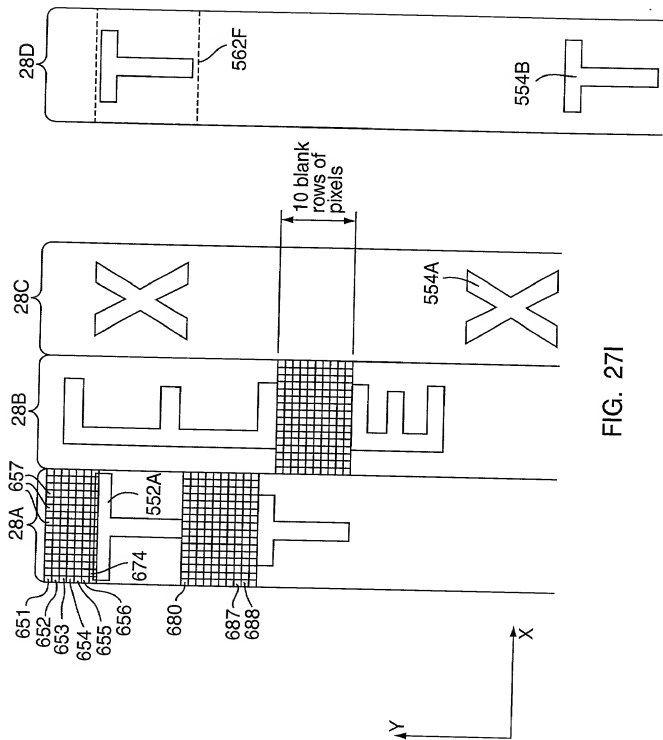
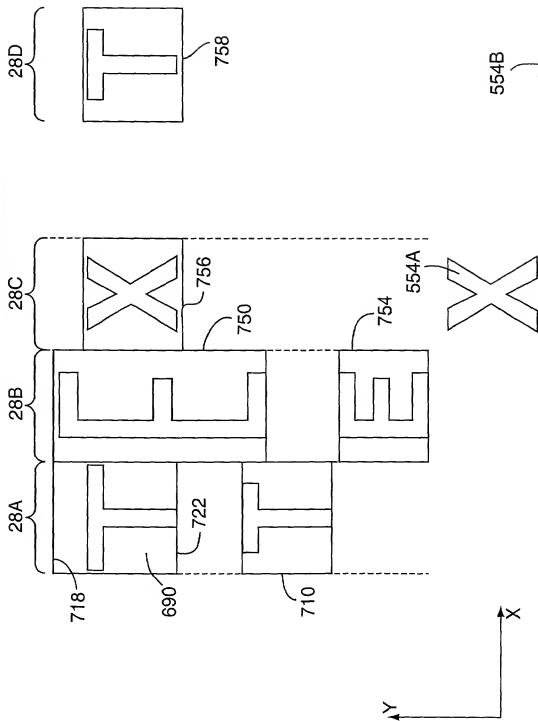


FIG. 27H





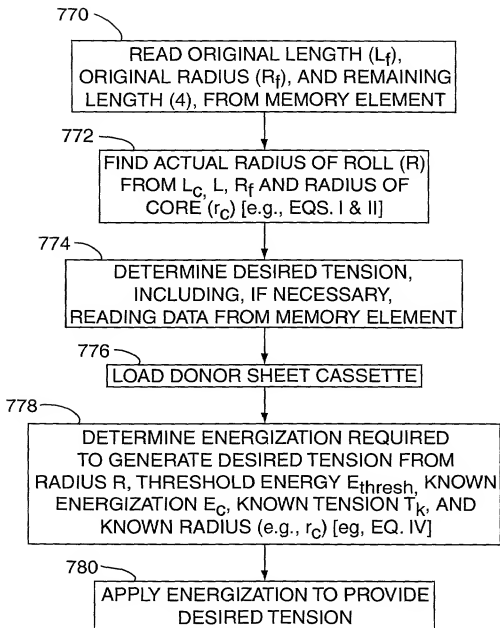


FIG. 28

22A

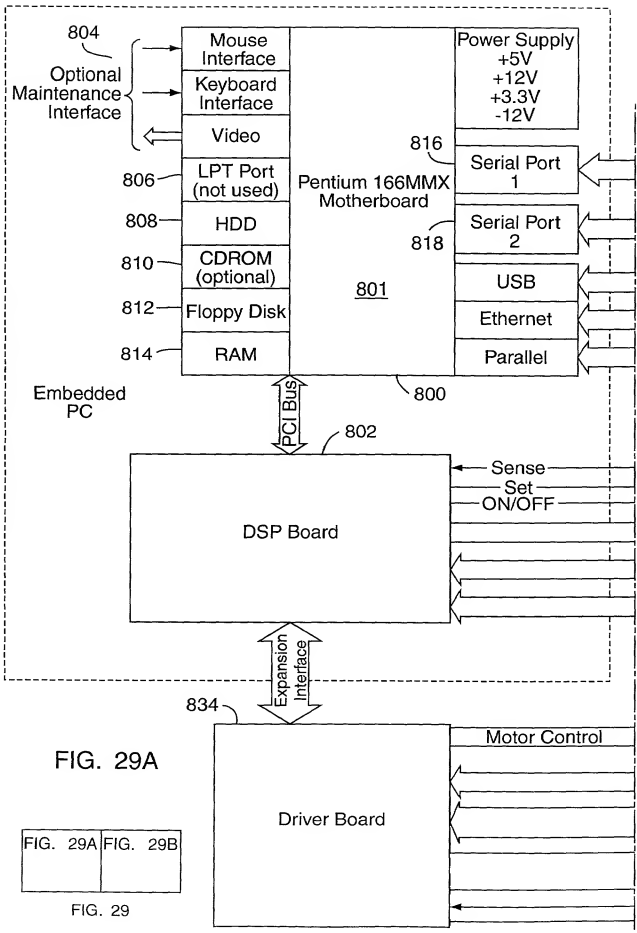


FIG. 29A

FIG. 29A	FIG. 29B
----------	----------

FIG. 29

09406623.070601



FIG. 29B

